

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122582.D
 Acq On : 7 Dec 2020 20:32
 Operator : JU/CG
 Sample : L4960-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BES-12SR

Quant Time: Dec 08 00:24:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

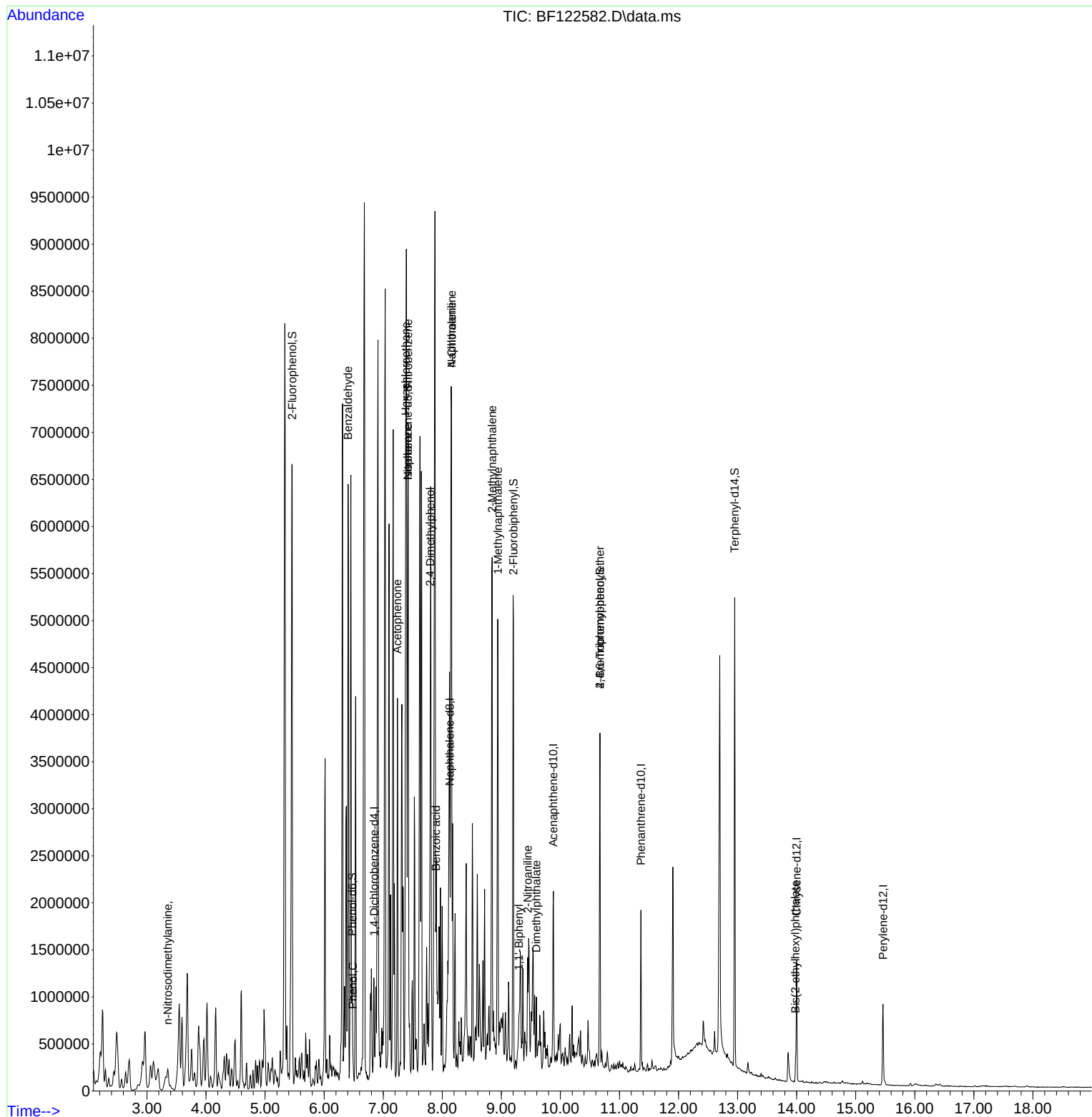
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	163321	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	560817	20.00	ng	0.00
39) Acenaphthene-d10	9.881	164	344459	20.00	ng	# 0.00
64) Phenanthrene-d10	11.363	188	592565	20.00	ng	0.00
76) Chrysene-d12	13.998	240	438745	20.00	ng	-0.01
86) Perylene-d12	15.463	264	402411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	399680	38.74	ng	0.00
7) Phenol-d6	6.475	99	378380	27.66	ng	0.00
23) Nitrobenzene-d5	7.416	82	843842	75.39	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	469714	104.18	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1724925	67.73	ng	0.00
79) Terphenyl-d14	12.951	244	1555138	62.04	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.352	42	20123	3.92	ng	# 1
9) Benzaldehyde	6.404	77	298077	35.99	ng	# 1
10) Phenol	6.487	94	75479	5.32	ng	92
18) Hexachloroethane	7.381	117	842569	174.28	ng	# 1
22) Acetophenone	7.240	105	1455136	104.35	ng	# 56
24) Nitrobenzene	7.422	77	96304	8.65	ng	# 7
25) Isophorone	7.416	82	824916	42.79	ng	# 65
27) 2,4-Dimethylphenol	7.798	122	16106	2.02	ng	90
31) Naphthalene	8.157	128	3233207	104.48	ng	97
32) Benzoic acid	7.892	122	120691	19.03	ng	# 1
33) 4-Chloroaniline	8.157	127	459216	35.50	ng	# 38
37) 2-Methylnaphthalene	8.845	142	1695839	82.84	ng	98
38) 1-Methylnaphthalene	8.939	142	1240572	64.06	ng	100
46) 1,1'-Biphenyl	9.298	154	64912	2.27	ng	99
48) 2-Nitroaniline	9.445	65	20259	2.93	ng	# 18
50) Dimethylphthalate	9.592	163	261655	9.51	ng	99
67) 4-Bromophenyl-phenylether	10.669	248	29651	3.69	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.980	149	68290	3.26	ng	99

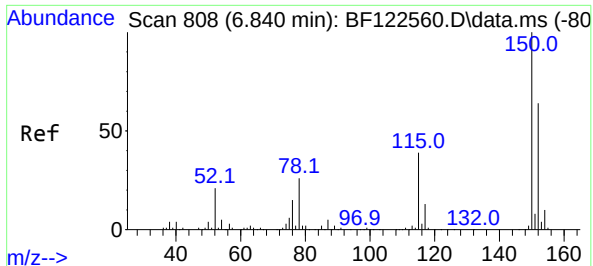
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
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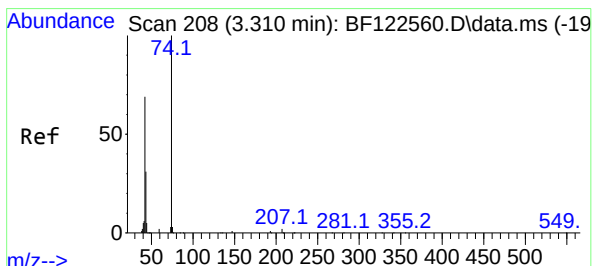
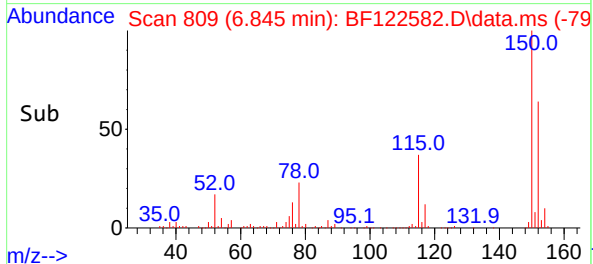
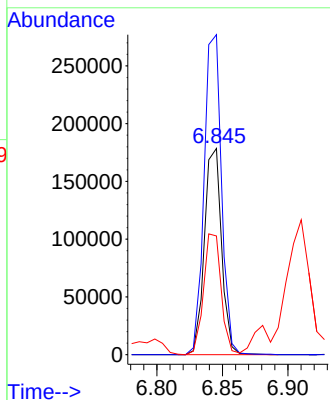
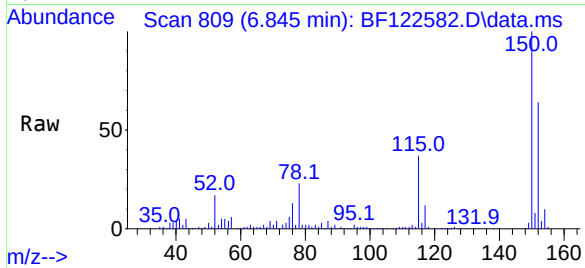




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.005 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

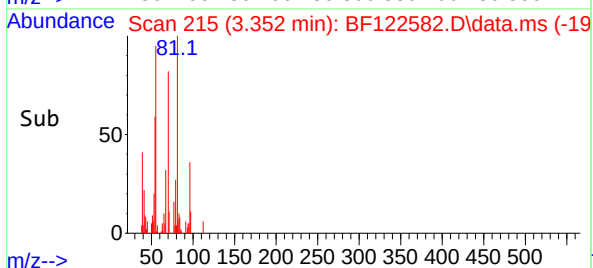
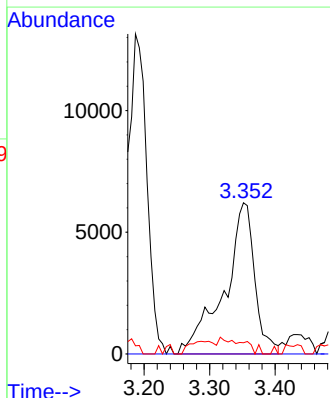
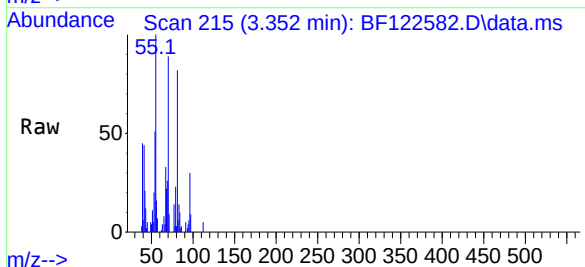
Instrument :
BNA_F
ClientSampleId :
BES-12SR

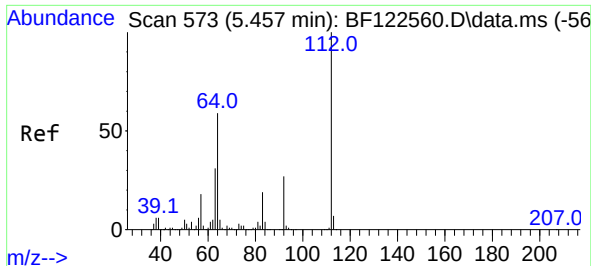
Tgt Ion:152 Resp: 163321
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 57.5 49.3 73.9



#4
n-Nitrosodimethylamine
Concen: 3.92 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.041 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion: 42 Resp: 20123
Ion Ratio Lower Upper
42 100
74 0.0 115.2 172.8#
44 7.4 5.4 8.0

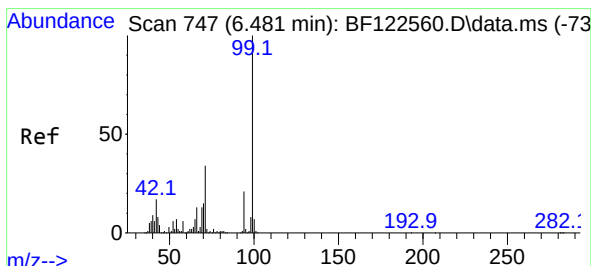
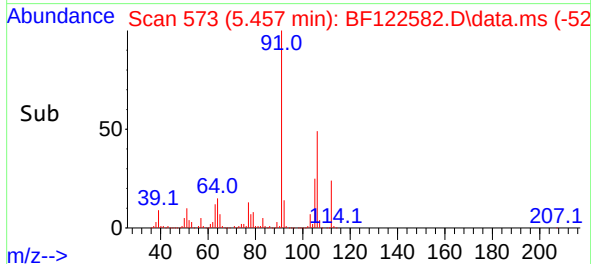
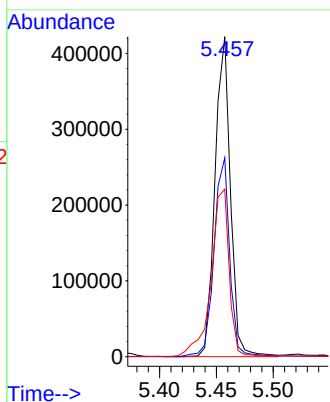
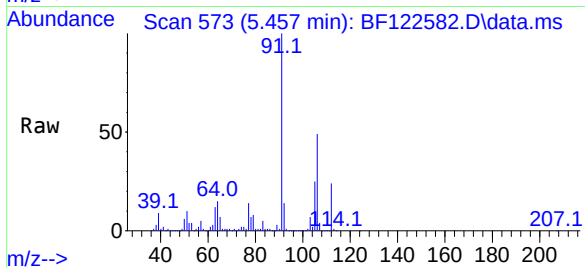




#5
2-Fluorophenol
Concen: 38.74 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

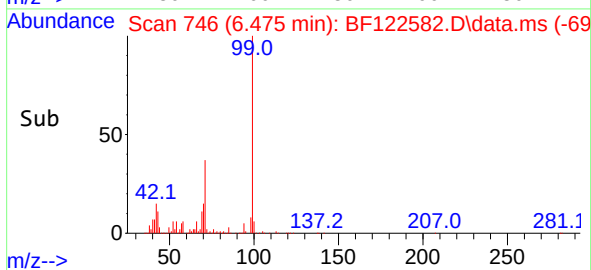
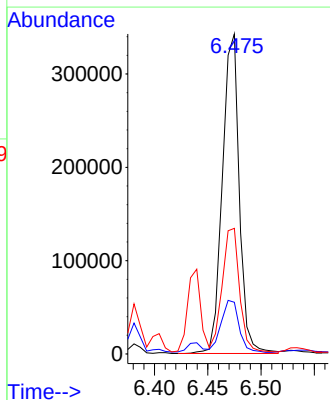
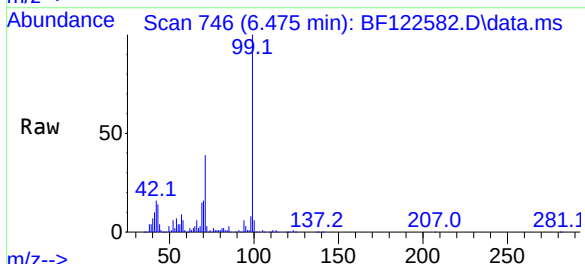
Instrument :
BNA_F
ClientSampleId :
BES-12SR

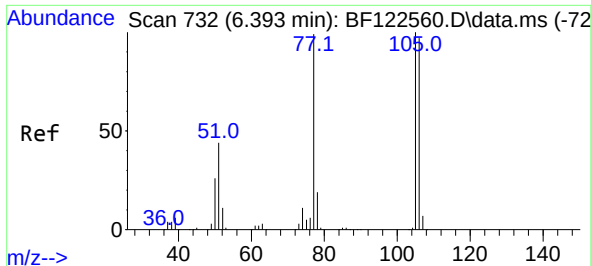
Tgt Ion:112 Resp: 399680
Ion Ratio Lower Upper
112 100
64 62.1 46.9 70.3
63 52.4 24.5 36.7#



#7
Phenol-d6
Concen: 27.66 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion: 99 Resp: 378380
Ion Ratio Lower Upper
99 100
42 16.1 13.8 20.6
71 39.2 26.9 40.3

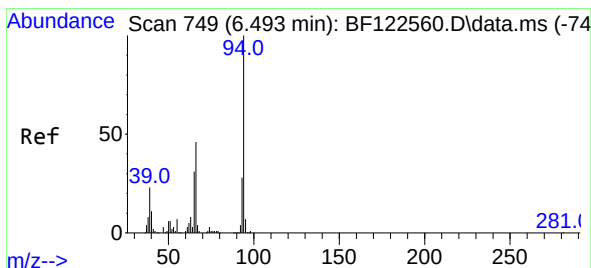
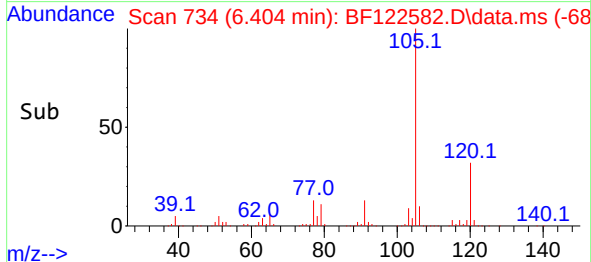
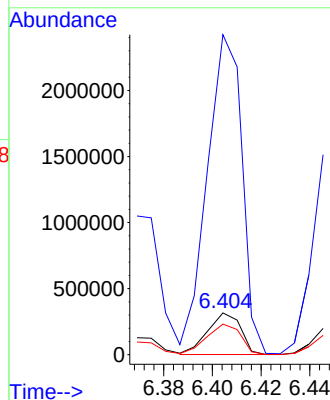
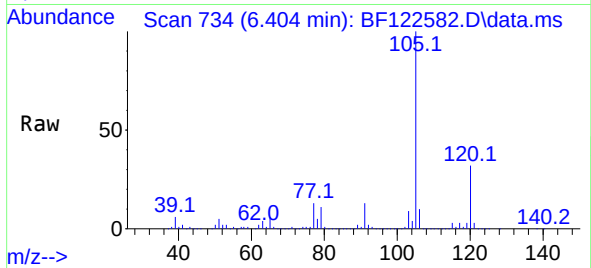




#9
Benzaldehyde
Concen: 35.99 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.011 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

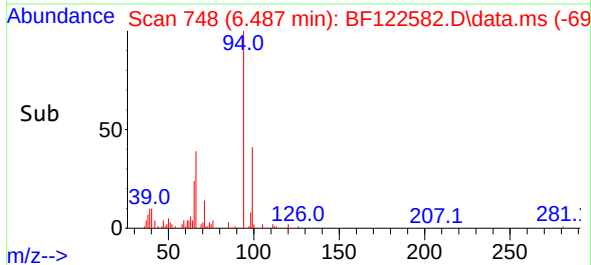
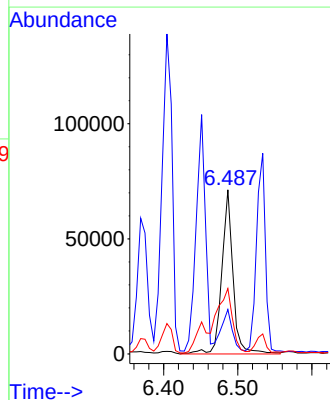
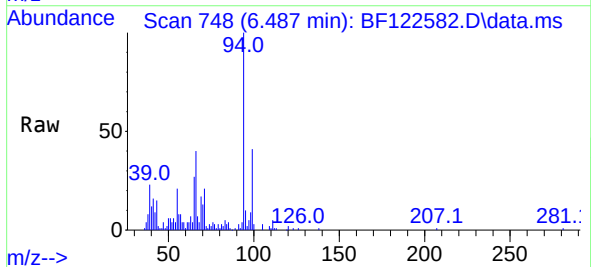
Instrument :
BNA_F
ClientSampleId :
BES-12SR

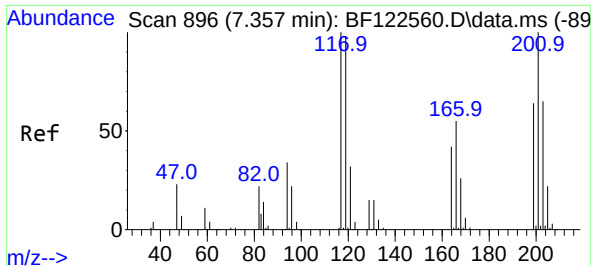
Tgt Ion: 77 Resp: 298077
Ion Ratio Lower Upper
77 100
105 764.9 80.6 120.6#
106 72.9 77.2 117.2#



#10
Phenol
Concen: 5.32 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

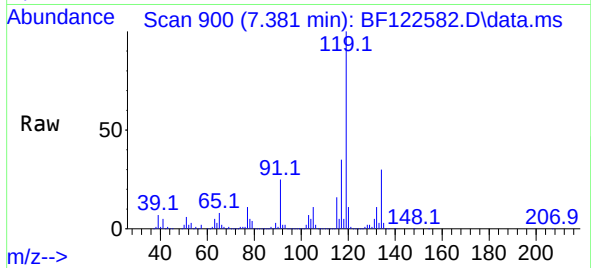
Tgt Ion: 94 Resp: 75479
Ion Ratio Lower Upper
94 100
65 27.1 11.2 51.2
66 39.9 25.8 65.8



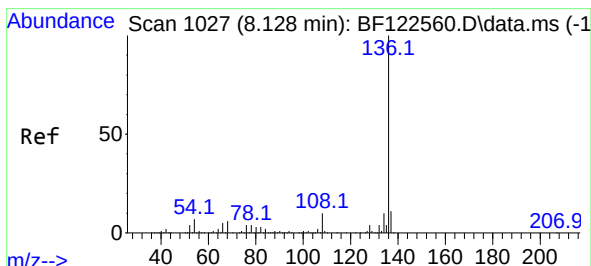
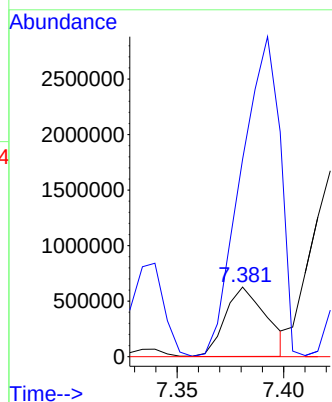
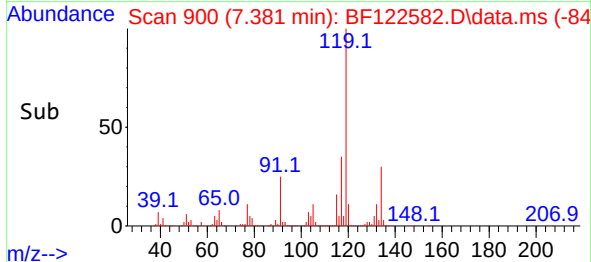


#18
Hexachloroethane
Concen: 174.28 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.024 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

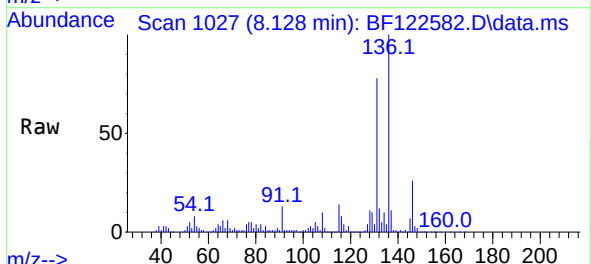
Instrument :
BNA_F
ClientSampleId :
BES-12SR



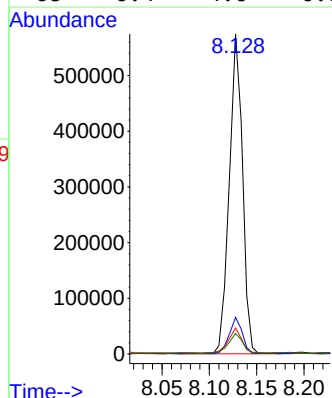
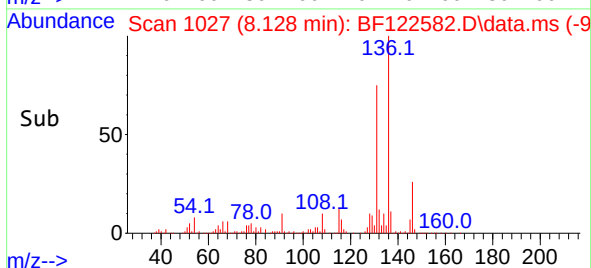
Tgt Ion:117 Resp: 842569
Ion Ratio Lower Upper
117 100
119 283.6 78.4 117.6#
201 0.0 79.6 119.4#

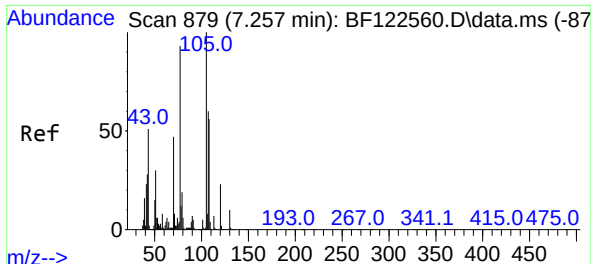


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32



Tgt Ion:136 Resp: 560817
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.1 5.5 8.3
68 6.4 4.6 6.8

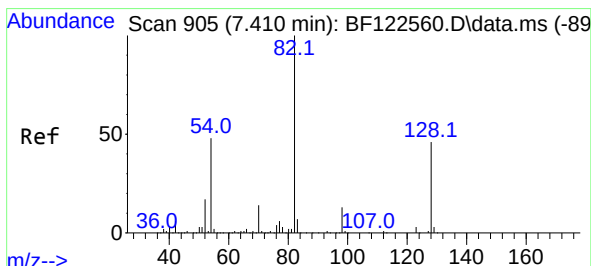
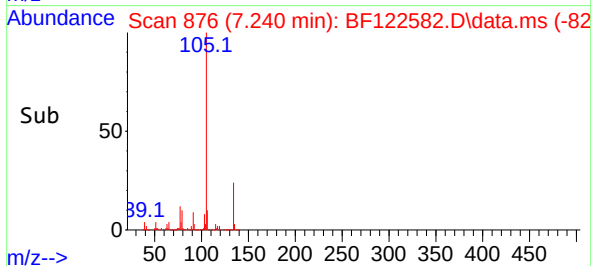
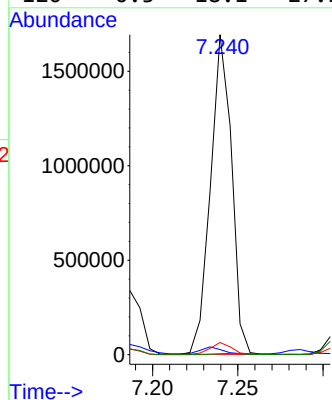
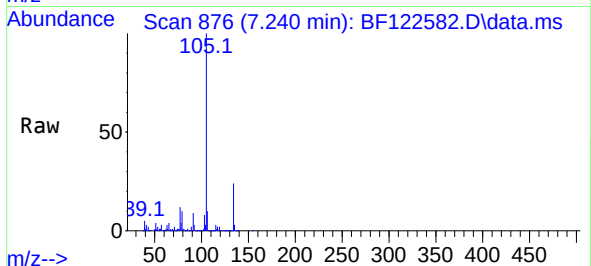




#22
Acetophenone
Concen: 104.35 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.018 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

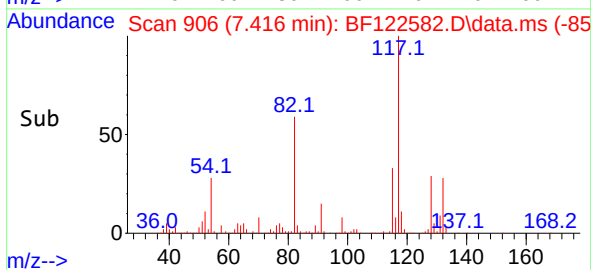
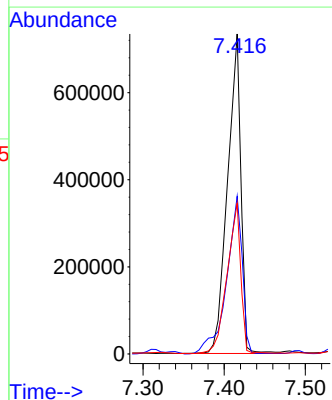
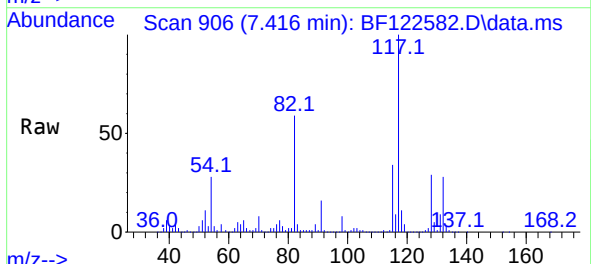
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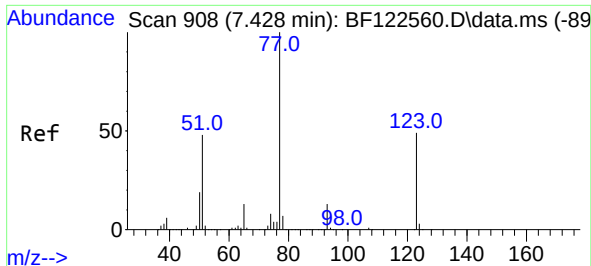
Tgt Ion:105 Resp: 1455136
Ion Ratio Lower Upper
105 100
71 1.6 6.5 9.7#
51 3.8 24.3 36.5#
120 0.3 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 75.39 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion: 82 Resp: 843842
Ion Ratio Lower Upper
82 100
128 49.3 37.0 55.4
54 47.1 38.4 57.6

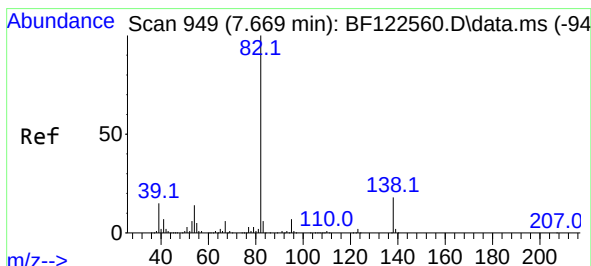
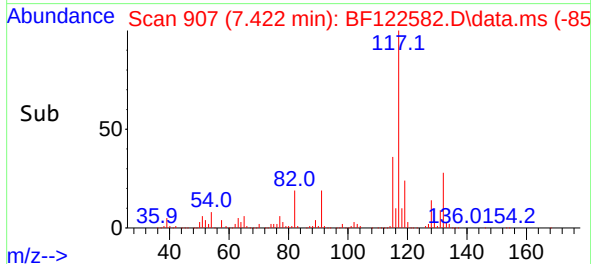
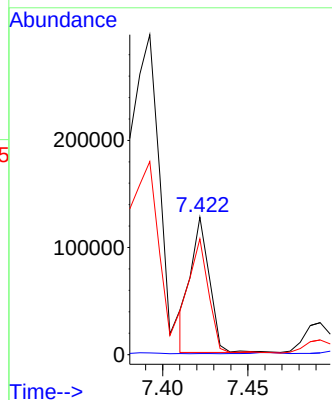
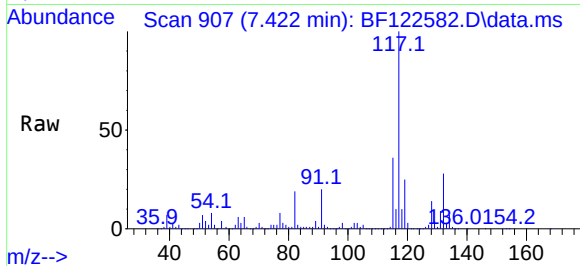




#24
Nitrobenzene
Concen: 8.65 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

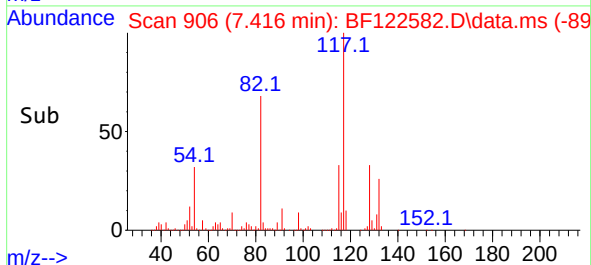
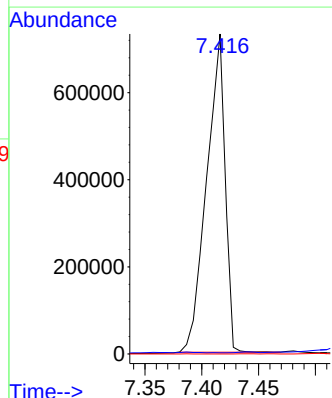
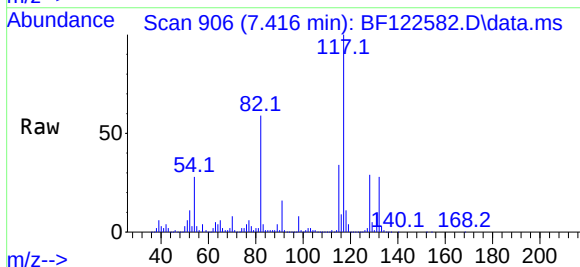
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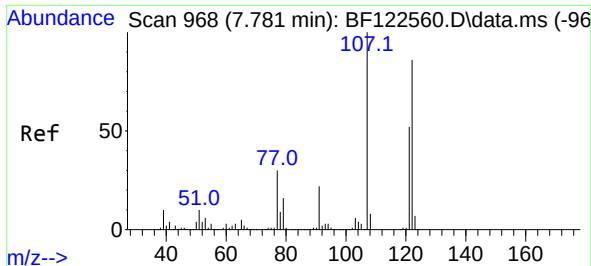
Tgt Ion: 77 Resp: 96304
Ion Ratio Lower Upper
77 100
123 0.8 39.3 58.9#
65 84.3 10.6 15.8#



#25
Isophorone
Concen: 42.79 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.253 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion: 82 Resp: 824916
Ion Ratio Lower Upper
82 100
95 0.3 5.8 8.6#
138 0.0 14.6 21.8#

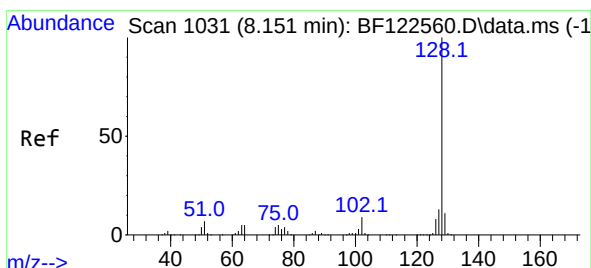
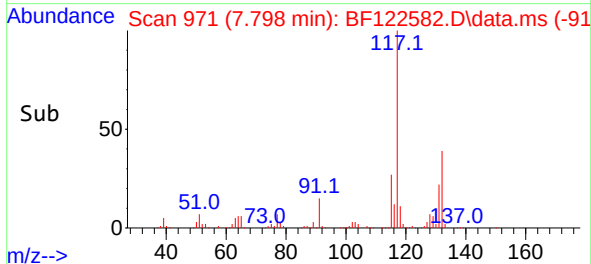
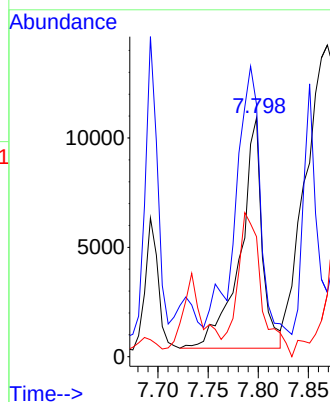
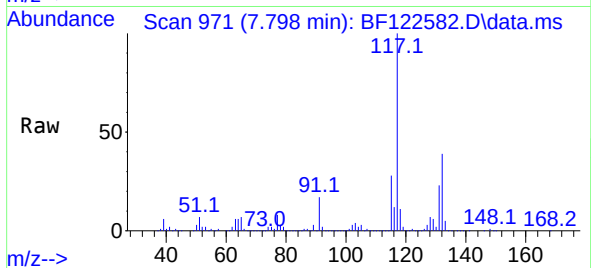




#27
2,4-Dimethylphenol
Concen: 2.02 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.018 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

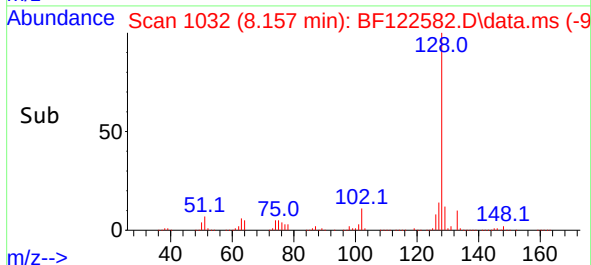
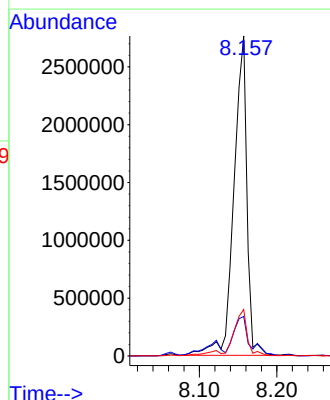
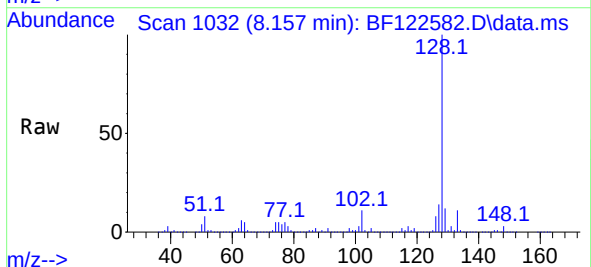
Instrument :
BNA_F
ClientSampled :
BES-12SR

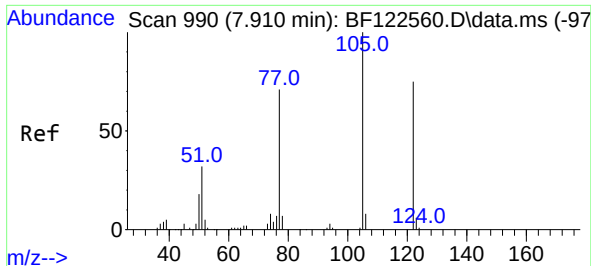
Tgt Ion:122 Resp: 16106
Ion Ratio Lower Upper
122 100
107 105.7 91.8 137.8
121 50.2 47.3 70.9



#31
Naphthalene
Concen: 104.48 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion:128 Resp: 3233207
Ion Ratio Lower Upper
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129 12.3 9.0 13.6
127 14.5 10.7 16.1

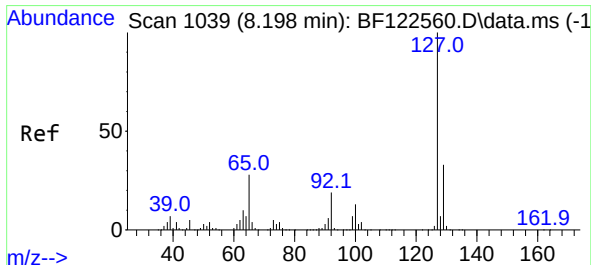
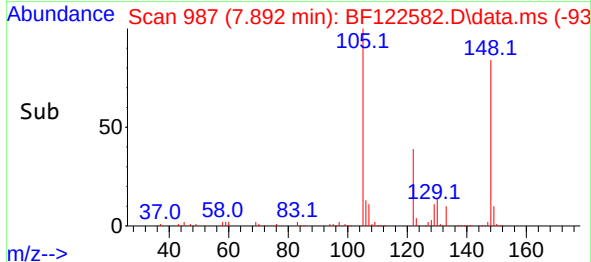
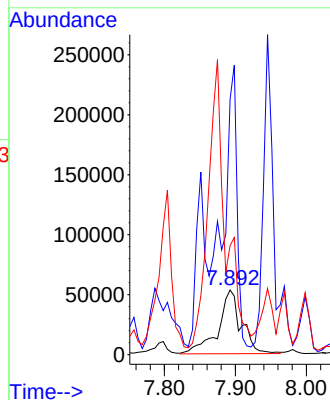
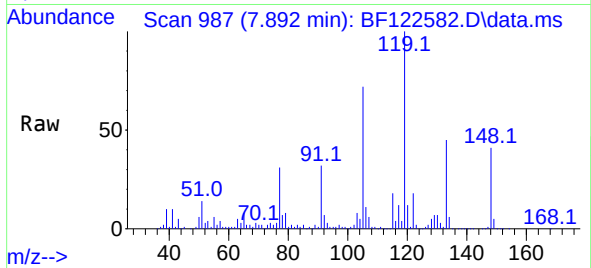




#32
Benzoic acid
Concen: 19.03 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.018 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

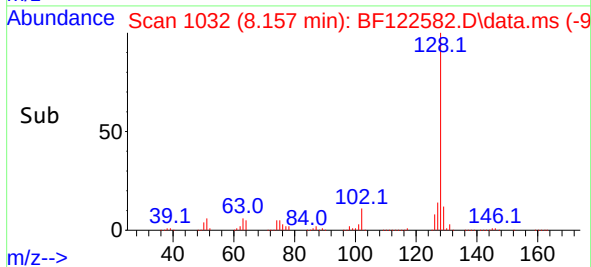
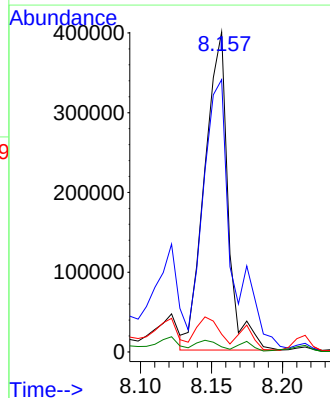
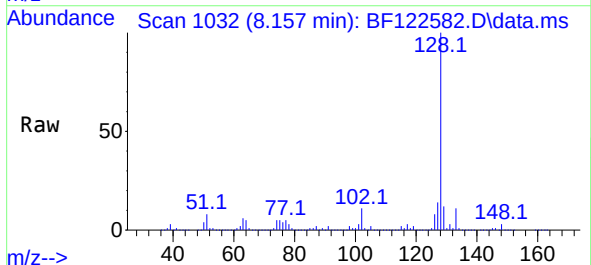
Instrument :
BNA_F
ClientSampleId :
BES-12SR

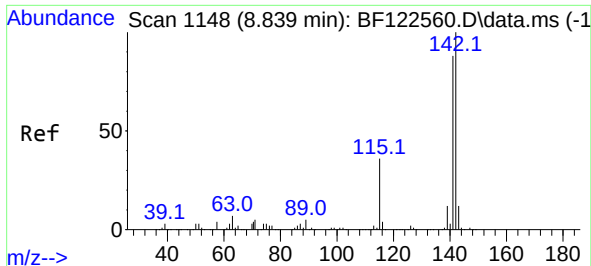
Tgt Ion:122 Resp: 120691
Ion Ratio Lower Upper
122 100
105 395.8 104.8 144.8#
77 169.1 71.0 111.0#



#33
4-Chloroaniline
Concen: 35.50 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.041 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion:127 Resp: 459216
Ion Ratio Lower Upper
127 100
129 85.1 26.2 39.2#
65 5.5 22.2 33.2#
92 1.6 15.3 22.9#

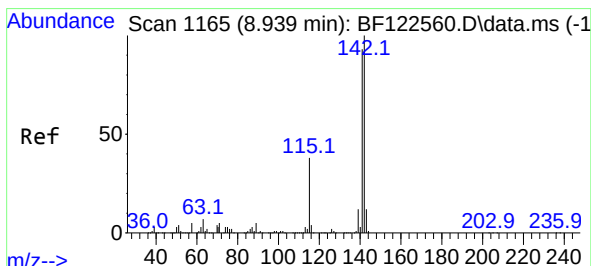
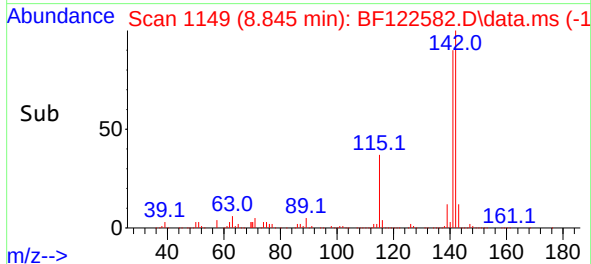
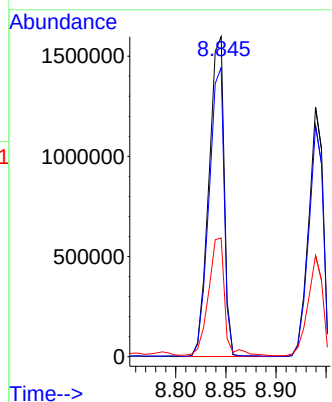
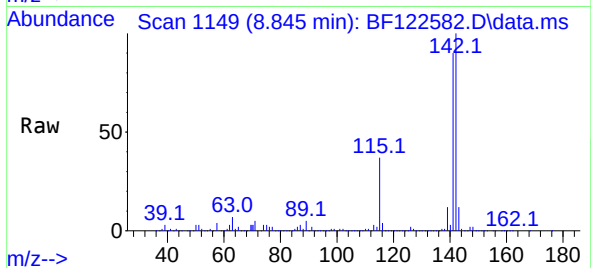




#37
2-Methylnaphthalene
Concen: 82.84 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

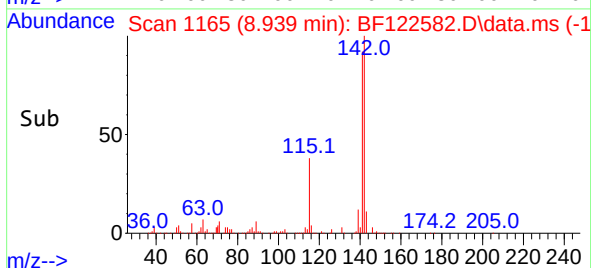
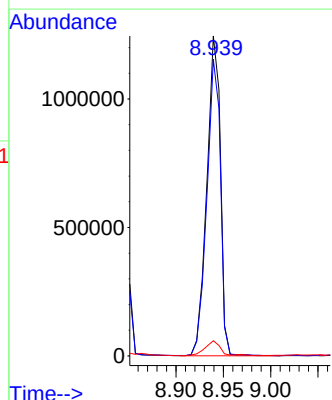
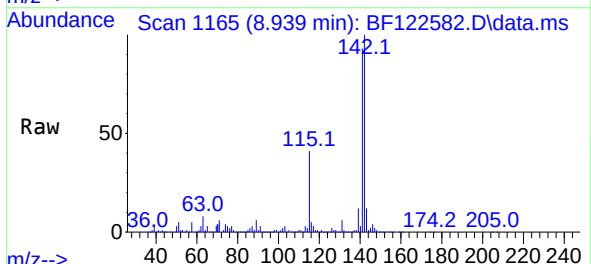
Instrument :
BNA_F
ClientSampleId :
BES-12SR

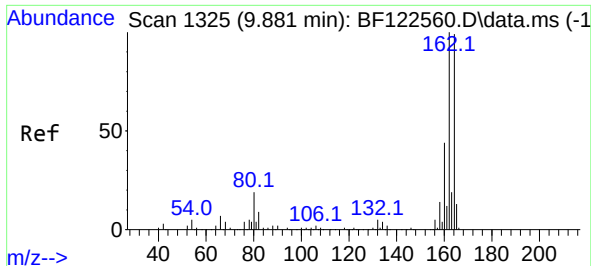
Tgt Ion:142 Resp: 1695839
Ion Ratio Lower Upper
142 100
141 90.3 70.6 106.0
115 37.1 28.7 43.1



#38
1-Methylnaphthalene
Concen: 64.06 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion:142 Resp: 1240572
Ion Ratio Lower Upper
142 100
141 92.7 74.5 111.7
116 4.8 3.2 4.8

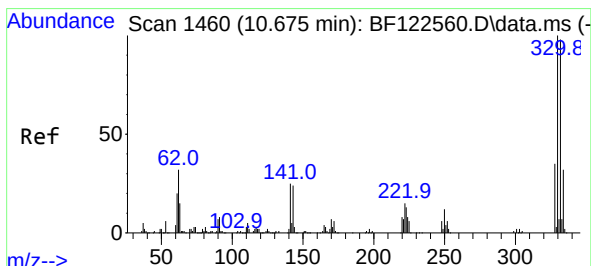
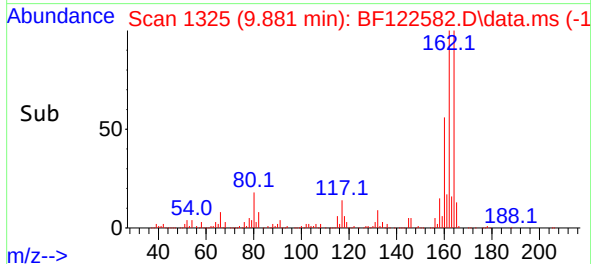
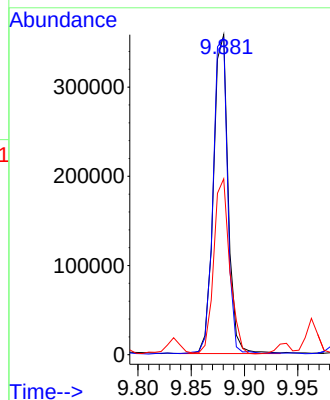
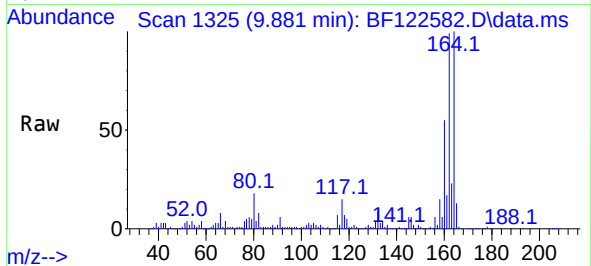




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

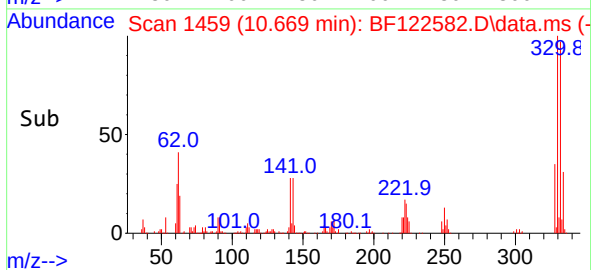
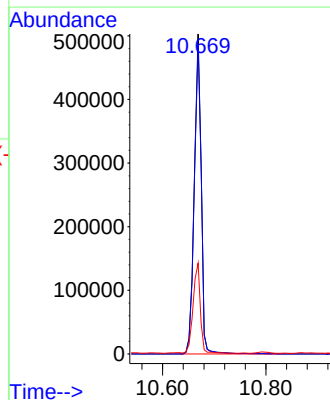
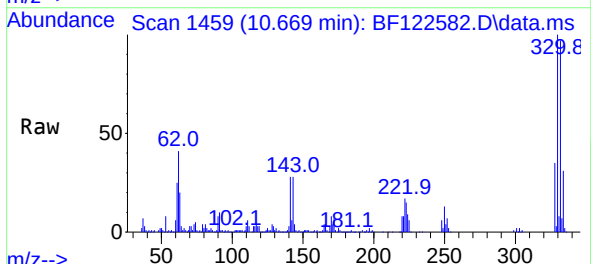
Instrument :
BNA_F
ClientSampleId :
BES-12SR

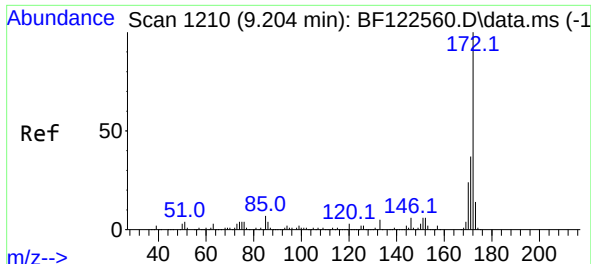
Tgt Ion:164 Resp: 344459
Ion Ratio Lower Upper
164 100
162 99.0 80.8 121.2
160 54.9 35.4 53.0#



#42
2,4,6-Tribromophenol
Concen: 104.18 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

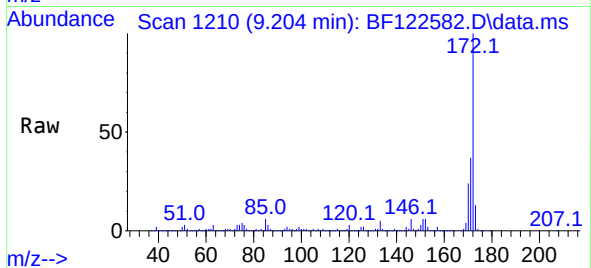
Tgt Ion:330 Resp: 469714
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 29.7 23.8 35.8





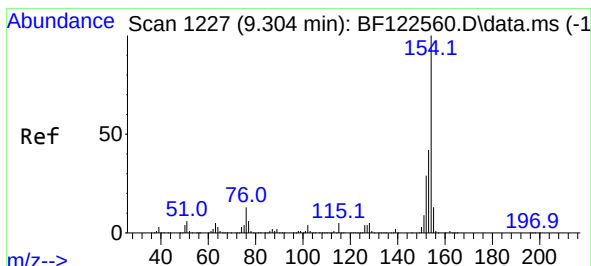
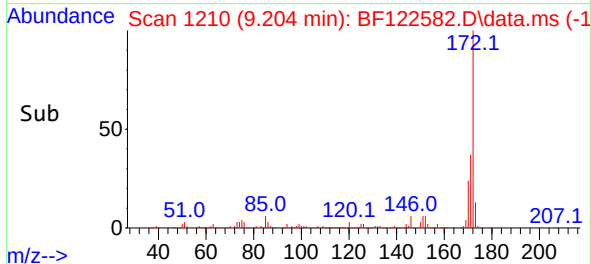
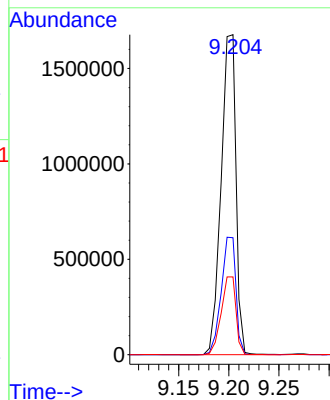
#45
2-Fluorobiphenyl
Concen: 67.73 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Instrument :
BNA_F
ClientSampleId :
BES-12SR

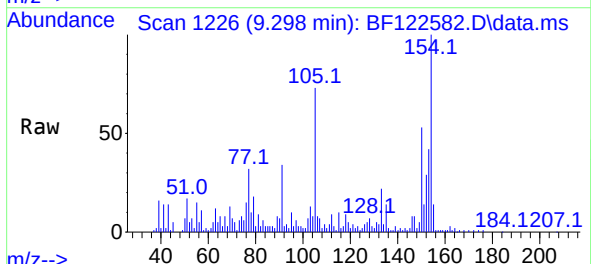


Tgt Ion:172 Resp: 1724925

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.3	19.5	29.3

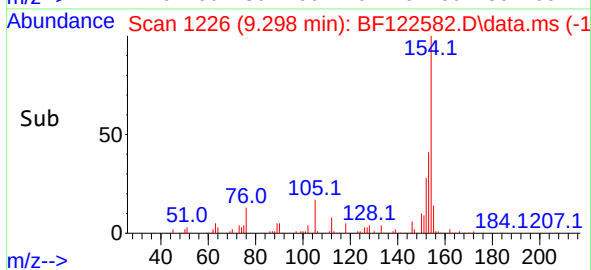
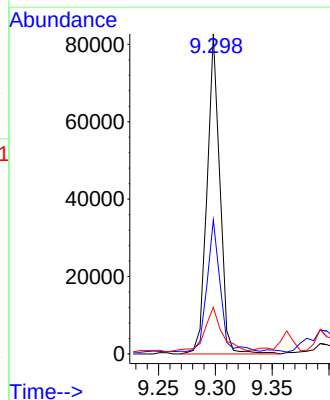


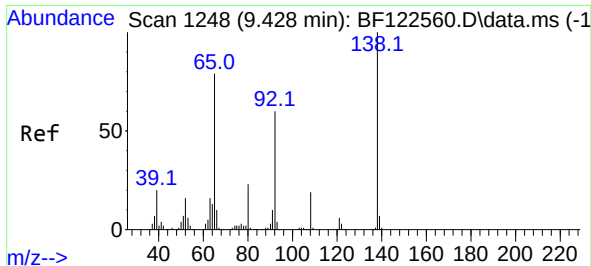
#46
1,1'-Biphenyl
Concen: 2.27 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32



Tgt Ion:154 Resp: 64912

Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.8	61.8
76	14.6	0.0	33.4

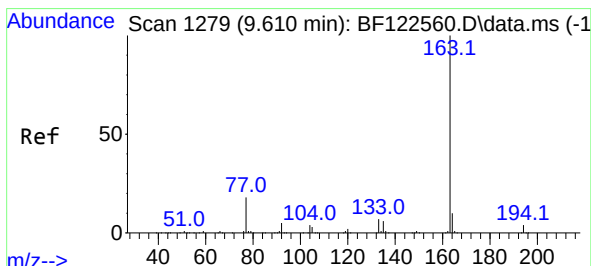
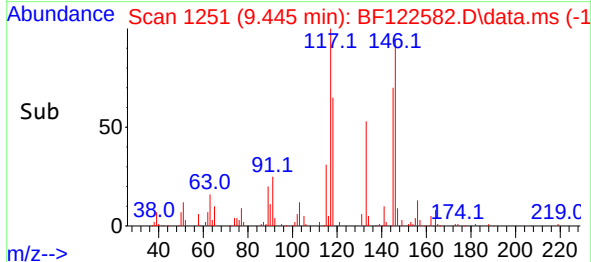
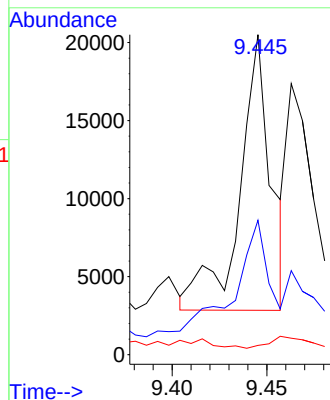
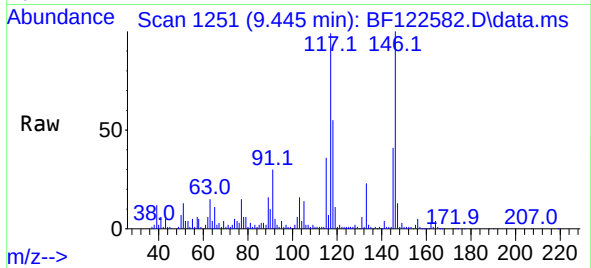




#48
2-Nitroaniline
Concen: 2.93 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.018 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

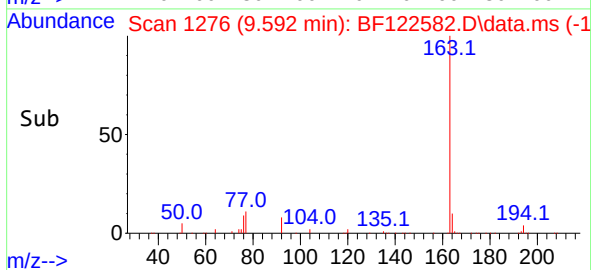
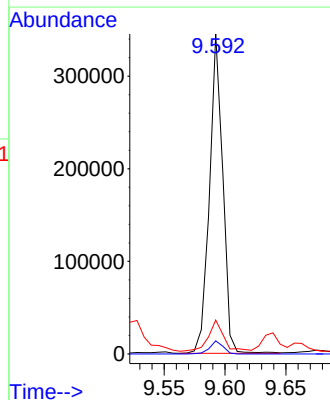
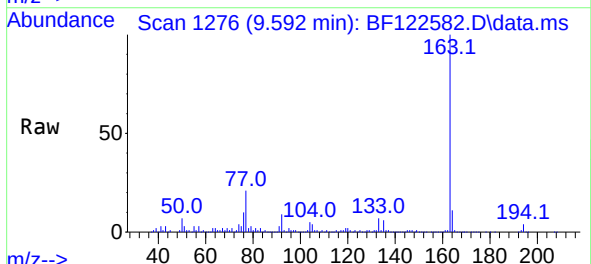
Instrument :
BNA_F
ClientSampleId :
BES-12SR

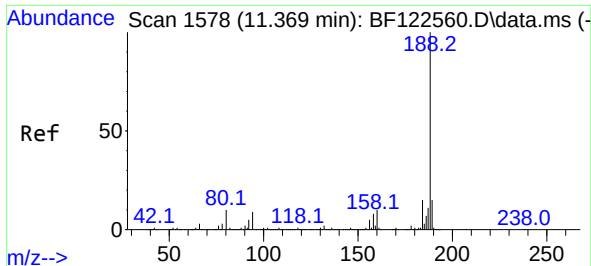
Tgt Ion: 65 Resp: 20259
Ion Ratio Lower Upper
65 100
92 42.0 60.0 90.0#
138 2.9 100.6 151.0#



#50
Dimethylphthalate
Concen: 9.51 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion:163 Resp: 261655
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.6 8.1 12.1

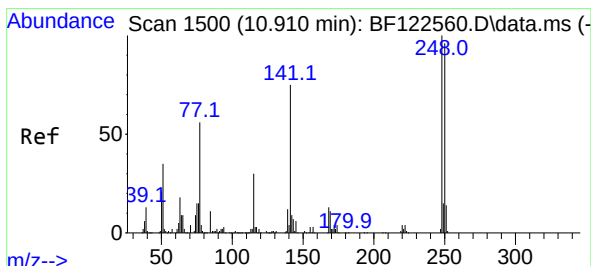
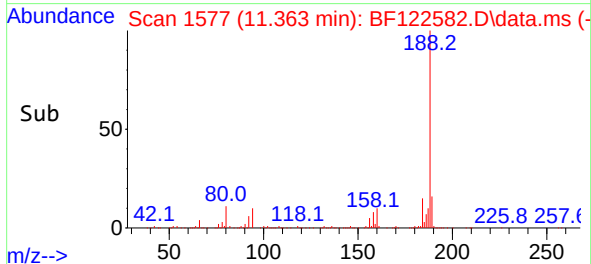
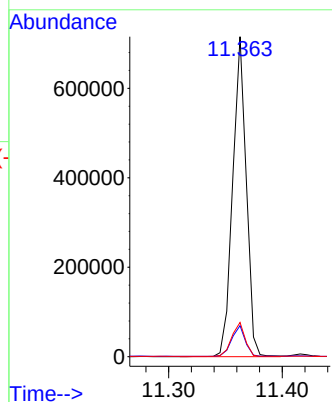
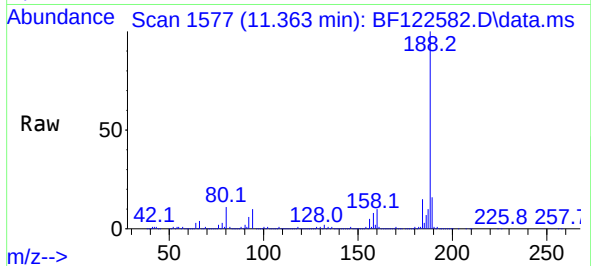




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

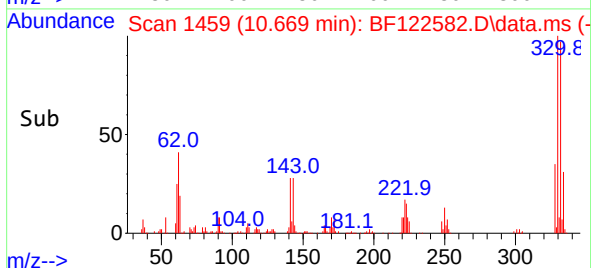
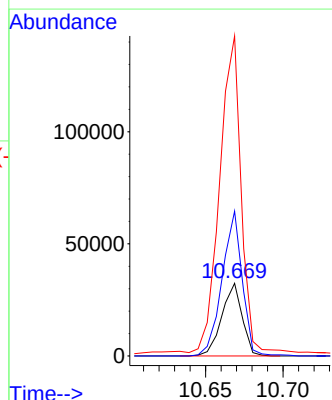
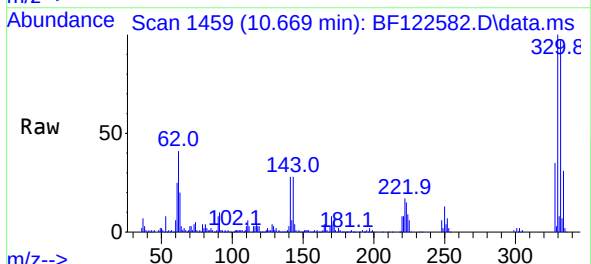
Instrument :
BNA_F
ClientSampleId :
BES-12SR

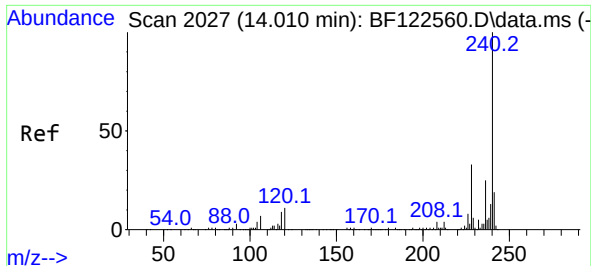
Tgt Ion:188 Resp: 592565
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.7 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion:248 Resp: 29651
Ion Ratio Lower Upper
248 100
250 199.2 76.8 115.2#
141 440.5 59.8 89.8#

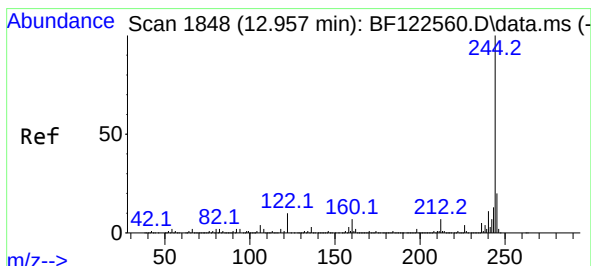
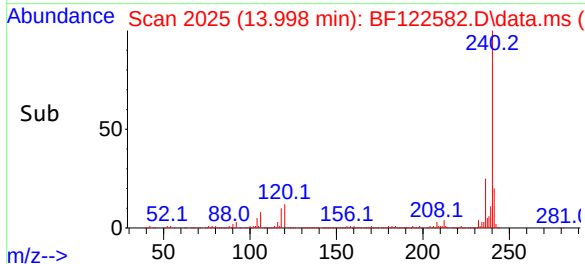
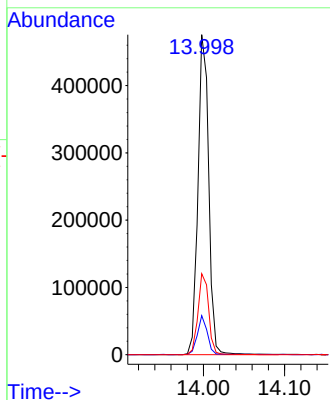
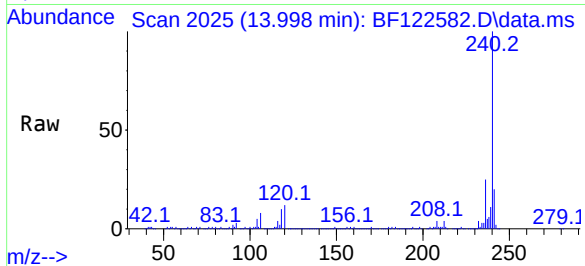




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

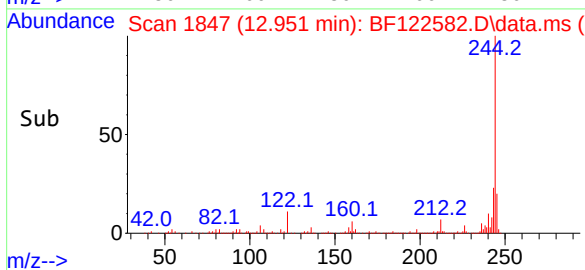
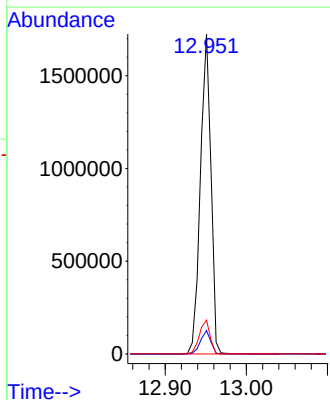
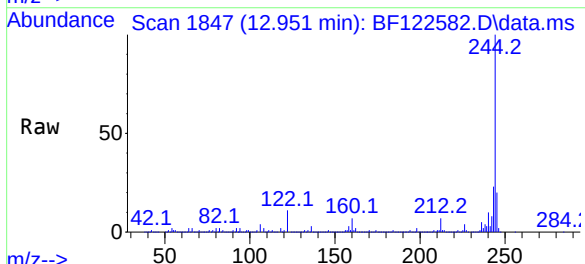
Instrument :
BNA_F
ClientSampleId :
BES-12SR

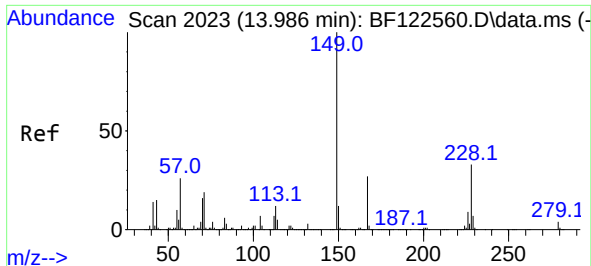
Tgt Ion:240 Resp: 438745
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 62.04 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion:244 Resp: 1555138
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.6 8.3 12.5

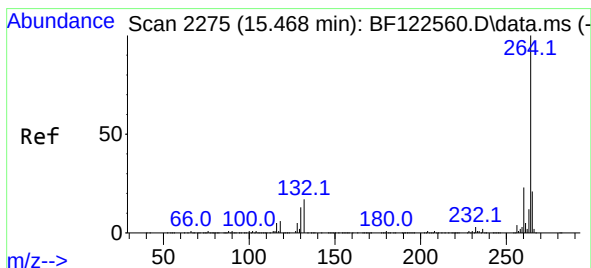
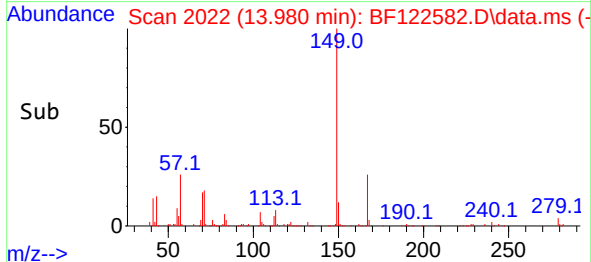
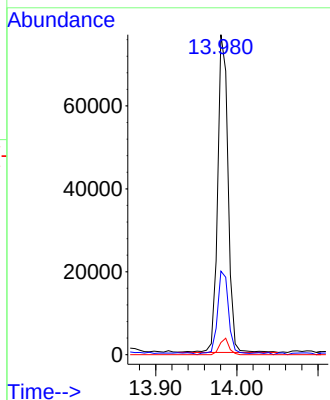
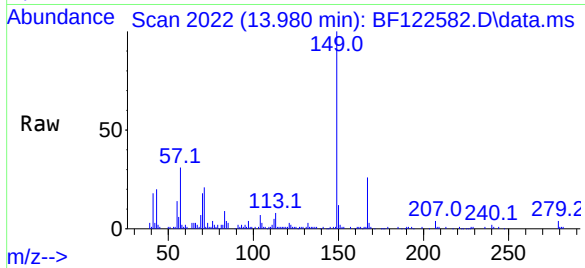




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.26 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Instrument :
BNA_F
ClientSampleId :
BES-12SR

Tgt Ion:149 Resp: 68290
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.2
279 3.8 3.4 5.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122582.D
Acq: 7 Dec 2020 20:32

Tgt Ion:264 Resp: 402411
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.2 17.0 25.6

